

OIPE

RAW SEQUENCE LISTING

DATE: 09/10/2001

PATENT APPLICATION: US/09/933,767

TIME: 09:09:41

Input Set : A:\PZ007P2 SeqList.txt

Output Set: N:\CRF3\09102001\I933767.raw

2 <110> APPLICANT: Ni et al.
4 <120> TITLE OF INVENTION: 207 Human Secreted Proteins
6 <130> FILE REFERENCE: PZ007P2
C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/933,767
9 <141> CURRENT FILING DATE: 2001-08-22
11 <150> PRIOR APPLICATION NUMBER: PCT/US01/05614
12 <151> PRIOR FILING DATE: 2001-02-21
14 <150> PRIOR APPLICATION NUMBER: 60/184,836
15 <151> PRIOR FILING DATE: 2000-02-24
17 <150> PRIOR APPLICATION NUMBER: 60/193,170
18 <151> PRIOR FILING DATE: 2000-03-29
20 <150> PRIOR APPLICATION NUMBER: 09/205,258
21 <151> PRIOR FILING DATE: 1998-12-04
23 <150> PRIOR APPLICATION NUMBER: PCT/US98/11422
24 <151> PRIOR FILING DATE: 1998-06-04
26 <150> PRIOR APPLICATION NUMBER: 60/048,885
27 <151> PRIOR FILING DATE: 1997-06-06
29 <150> PRIOR APPLICATION NUMBER: 60/049,375
30 <151> PRIOR FILING DATE: 1997-06-06
32 <150> PRIOR APPLICATION NUMBER: 60/048,881
33 <151> PRIOR FILING DATE: 1997-06-06
35 <150> PRIOR APPLICATION NUMBER: 60/048,880
36 <151> PRIOR FILING DATE: 1997-06-06
38 <150> PRIOR APPLICATION NUMBER: 60/048,896
39 <151> PRIOR FILING DATE: 1997-06-06
41 <150> PRIOR APPLICATION NUMBER: 60/049,020
42 <151> PRIOR FILING DATE: 1997-06-06
44 <150> PRIOR APPLICATION NUMBER: 60/048,876
45 <151> PRIOR FILING DATE: 1997-06-06
47 <150> PRIOR APPLICATION NUMBER: 60/048,895
48 <151> PRIOR FILING DATE: 1997-06-06
50 <150> PRIOR APPLICATION NUMBER: 60/048,884
51 <151> PRIOR FILING DATE: 1997-06-06
53 <150> PRIOR APPLICATION NUMBER: 60/048,894
54 <151> PRIOR FILING DATE: 1997-06-06
56 <150> PRIOR APPLICATION NUMBER: 60/048,971
57 <151> PRIOR FILING DATE: 1997-06-06
59 <150> PRIOR APPLICATION NUMBER: 60/048,964
60 <151> PRIOR FILING DATE: 1997-06-06
62 <150> PRIOR APPLICATION NUMBER: 60/048,882
63 <151> PRIOR FILING DATE: 1997-06-06
65 <150> PRIOR APPLICATION NUMBER: 60/048,899
66 <151> PRIOR FILING DATE: 1997-06-06
68 <150> PRIOR APPLICATION NUMBER: 60/048,893
69 <151> PRIOR FILING DATE: 1997-06-06
71 <150> PRIOR APPLICATION NUMBER: 60/048,900
72 <151> PRIOR FILING DATE: 1997-06-06

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/933,767

DATE: 09/10/2001
TIME: 09:09:41

Input Set : A:\P2007P2 SeqList.txt
Output Set: N:\CRF3\09102001\I933767.raw

74 <150> PRIOR APPLICATION NUMBER: 60/048,901
75 <151> PRIOR FILING DATE: 1997-06-06
77 <150> PRIOR APPLICATION NUMBER: 60/048,892
78 <151> PRIOR FILING DATE: 1997-06-06
80 <150> PRIOR APPLICATION NUMBER: 60/048,915
81 <151> PRIOR FILING DATE: 1997-06-06
83 <150> PRIOR APPLICATION NUMBER: 60/049,019
84 <151> PRIOR FILING DATE: 1997-06-06
86 <150> PRIOR APPLICATION NUMBER: 60/048,970
87 <151> PRIOR FILING DATE: 1997-06-06
89 <150> PRIOR APPLICATION NUMBER: 60/048,972
90 <151> PRIOR FILING DATE: 1997-06-06
92 <150> PRIOR APPLICATION NUMBER: 60/048,916
93 <151> PRIOR FILING DATE: 1997-06-06
95 <150> PRIOR APPLICATION NUMBER: 60/049,373
96 <151> PRIOR FILING DATE: 1997-06-06
98 <150> PRIOR APPLICATION NUMBER: 60/048,875
99 <151> PRIOR FILING DATE: 1997-06-06
101 <150> PRIOR APPLICATION NUMBER: 60/049,374
102 <151> PRIOR FILING DATE: 1997-06-06
104 <150> PRIOR APPLICATION NUMBER: 60/048,917
105 <151> PRIOR FILING DATE: 1997-06-06
107 <150> PRIOR APPLICATION NUMBER: 60/048,949
108 <151> PRIOR FILING DATE: 1997-06-06
110 <150> PRIOR APPLICATION NUMBER: 60/048,974
111 <151> PRIOR FILING DATE: 1997-06-06
113 <150> PRIOR APPLICATION NUMBER: 60/048,883
114 <151> PRIOR FILING DATE: 1997-06-06
116 <150> PRIOR APPLICATION NUMBER: 60/048,897
117 <151> PRIOR FILING DATE: 1997-06-06
119 <150> PRIOR APPLICATION NUMBER: 60/048,898
120 <151> PRIOR FILING DATE: 1997-06-06
122 <150> PRIOR APPLICATION NUMBER: 60/048,962
123 <151> PRIOR FILING DATE: 1997-06-06
125 <150> PRIOR APPLICATION NUMBER: 60/048,963
126 <151> PRIOR FILING DATE: 1997-06-06
128 <150> PRIOR APPLICATION NUMBER: 60/048,877
129 <151> PRIOR FILING DATE: 1997-06-06
131 <150> PRIOR APPLICATION NUMBER: 60/048,878
132 <151> PRIOR FILING DATE: 1997-06-06
134 <150> PRIOR APPLICATION NUMBER: 60/068,054
135 <151> PRIOR FILING DATE: 1997-12-18
137 <150> PRIOR APPLICATION NUMBER: 60/068,064
138 <151> PRIOR FILING DATE: 1997-12-18
140 <150> PRIOR APPLICATION NUMBER: 60/068,053
141 <151> PRIOR FILING DATE: 1997-12-18
143 <150> PRIOR APPLICATION NUMBER: 60/070,923
144 <151> PRIOR FILING DATE: 1997-12-18
146 <150> PRIOR APPLICATION NUMBER: 60/073,160

RAW SEQUENCE LISTING DATE: 09/10/2001
 PATENT APPLICATION: US/09/933,767 TIME: 09:09:41

Input Set : A:\PZ007P2 SeqList.txt
 Output Set: N:\CRF3\09102001\I933767.raw

```

147 <151> PRIOR FILING DATE: 1998-01-30
149 <150> PRIOR APPLICATION NUMBER: 60/073,159
150 <151> PRIOR FILING DATE: 1998-01-30
152 <150> PRIOR APPLICATION NUMBER: 60/073,165
153 <151> PRIOR FILING DATE: 1998-01-30
155 <150> PRIOR APPLICATION NUMBER: 60/073,164
156 <151> PRIOR FILING DATE: 1998-01-30
158 <150> PRIOR APPLICATION NUMBER: 60/085,925
159 <151> PRIOR FILING DATE: 1998-05-18
161 <150> PRIOR APPLICATION NUMBER: 60/085,921
162 <151> PRIOR FILING DATE: 1998-05-18
164 <150> PRIOR APPLICATION NUMBER: 60/085,923
165 <151> PRIOR FILING DATE: 1998-05-18
167 <150> PRIOR APPLICATION NUMBER: 60/085,922
168 <151> PRIOR FILING DATE: 1998-05-18
170 <150> PRIOR APPLICATION NUMBER: 60/092,921
171 <151> PRIOR FILING DATE: 1998-07-15
173 <150> PRIOR APPLICATION NUMBER: 60/094,657
174 <151> PRIOR FILING DATE: 1998-07-30
176 <160> NUMBER OF SEQ ID NOS: 1245
178 <170> SOFTWARE: PatentIn Ver. 2.0
181 <210> SEQ ID NO: 1
182 <211> LENGTH: 733
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 1
187 gggatccgga gcccaaattct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg      60
188 aattcgaggg tgcaccgtca gtcttctctt tcccccaaa acccaaggac accctcatga      120
189 tctcccgga ccttgaggtc acatgcgttg tgggtggacg aagccacgaa gacctgagg      180
190 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg      240
191 aggagcagta caacagcacg taccgtgttg tcagcgtcct caccgtcctg caccaggact      300
192 ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctcca acccccatcg      360
193 agaaaacccat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc      420
194 catcccggga tgagctgacc aagaaccagg tcagcctgac ctgcctggtc aaaggcttct      480
195 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga      540
196 ccacgectcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg      600
197 acaagagcag gtggcagcag gggaacgtct tctcatgctc cgtgatgcat gaggctctgc      660
198 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc      720
199 gactctagag gat                                     733
202 <210> SEQ ID NO: 2
203 <211> LENGTH: 5
204 <212> TYPE: PRT
205 <213> ORGANISM: Homo sapiens
207 <220> FEATURE:
208 <221> NAME/KEY: Site
209 <222> LOCATION: (3)
210 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino
acids
212 <400> SEQUENCE: 2
W--> 213 Trp Ser Xaa Trp Ser

```

RAW SEQUENCE LISTING

DATE: 09/10/2001

PATENT APPLICATION: US/09/933,767

TIME: 09:09:41

Input Set : A:\PZ007P2 SeqList.txt

Output Set: N:\CRF3\09102001\I933767.raw

```

214 1 5
216 <210> SEQ ID NO: 3
217 <211> LENGTH: 86
218 <212> TYPE: DNA
219 <213> ORGANISM: Homo sapiens
221 <400> SEQUENCE: 3
222 ggcgcctcgag atttccccga aatctagatt tccccgaaat gatttccccg aaatgatttc 60
223 cccgaaatat ctgccatctc aattag 86
226 <210> SEQ ID NO: 4
227 <211> LENGTH: 27
228 <212> TYPE: DNA
229 <213> ORGANISM: Homo sapiens
231 <400> SEQUENCE: 4
232 gcggcaagct ttttgcaaag cctaggc 27
235 <210> SEQ ID NO: 5
236 <211> LENGTH: 271
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 5
241 ctcgagatttt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg 60
242 aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc 120
243 gccctaact ccgccagtt ccgccattc tccgccccat ggctgactaa ttttttttat 180
244 ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt 240
245 ttttgagggc ctaggctttt gcaaaaagct t 271
248 <210> SEQ ID NO: 6
249 <211> LENGTH: 32
250 <212> TYPE: DNA
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 6
254 gcgcctcgagg gatgacagcg atagaacccc gg 32
257 <210> SEQ ID NO: 7
258 <211> LENGTH: 31
259 <212> TYPE: DNA
260 <213> ORGANISM: Homo sapiens
262 <400> SEQUENCE: 7
263 gcgaagcttc gcgactcccc ggatccgcct c 31
266 <210> SEQ ID NO: 8
267 <211> LENGTH: 12
268 <212> TYPE: DNA
269 <213> ORGANISM: Homo sapiens
271 <400> SEQUENCE: 8
272 ggggactttc cc 12
275 <210> SEQ ID NO: 9
276 <211> LENGTH: 73
277 <212> TYPE: DNA
278 <213> ORGANISM: Homo sapiens
280 <400> SEQUENCE: 9
281 gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg 60
282 ccatctcaat tag 73

```

RAW SEQUENCE LISTING

DATE: 09/10/2001

PATENT APPLICATION: US/09/933,767

TIME: 09:09:41

Input Set : A:\PZ007P2 SeqList.txt

Output Set: N:\CRF3\09102001\I933767.raw

```

285 <210> SEQ ID NO: 10
286 <211> LENGTH: 256
287 <212> TYPE: DNA
288 <213> ORGANISM: Homo sapiens
290 <400> SEQUENCE: 10
291 ctcgaggggga ctttcccgga gactttccgg ggactttccg ggactttcca tctgccatct      60
292 caattagtcg gcaaccatag tccgcgccct aactccgccc atccgcgcc taactccgcc      120
293 cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
294 ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggccctagg      240
295 cttttgcaaa aagctt                                     256
298 <210> SEQ ID NO: 11
299 <211> LENGTH: 2526
300 <212> TYPE: DNA
301 <213> ORGANISM: Homo sapiens
303 <400> SEQUENCE: 11
304 gacaggctat ccgagaatct gagagctggg cccggcaatt cctccagyta cccttgtgac      60
305 ctaagtccag tcacacattt cccaaagttt ctctttgtca taacctgggt ctggctgggt      120
306 ttgrgggrrt gagaatgggt cagggactcc aggccaaagt caacagagac cccaaaccca      180
307 ccacacacca gcagccacaa cctcaccacc aacaaagagg acttttgttg ggccacaagt      240
308 aagagggtcat ttctggaatg gactcagacc tttaaacagg agagttgagc acttccagks      300
309 agtttttaag caaggcatgg ggaacaggga atagaacctt tcaaagaggt tgcccagaga      360
310 aaagctgggc ctcttgcatc cggttctctt ggagcagcct cttctggcag aaagccatca      420
311 ggtgctcaat catcttctcc tggccaaggc tctgaccatg cttagtactg gaatagaggt      480
312 ggccaggccc ccagcgactc ttcttgccct gatgtttgtc ctcacaggca tgccacgtgg      540
313 cctgagatga ttcagaacaa atcatgctaa ctttgaatcc atccagccac ttgcaaatga      600
314 taatcagaag tcagcttggt cactgttaga aagaaactaa caaaagagaa cccagagcaa      660
315 tctagaatct ttgagtgtct ggctttccaa ggatactgcg gagactctgg ccaagctgat      720
316 gamctttctg artgtcactg gcaccatag caacaagaac caccattcac tgagttagcta      780
317 atgggttttg ggccctggac attccatctg aggtccttcc tgaacatgtc actccacagc      840
318 agaggaccgg ttgcagctta cccagaacca ctctccagg agagctggat gttttgcgtg      900
319 caacaccttg agcactgact gctattgttc aaaaaagcc tttgctgcat tcggaggact      960
320 gccccgtgcc ctgaggtgac ttcttaacta tgtggtttca ttagcgaatt tattttttgt      1020
321 gctgggtgga catttgtatt ttgttaggtt gctgtttaag ctcaagtttg ctgtgctctc      1080
322 tgcagctaca aaacatcttg gcatatttaa gaktggcttt tataaatagc tttattctga      1140
323 tattaatcag attcccaact ttactgagaa ttaaggactg ggtacttta aagaaatgca      1200
324 aatagcaatt gaagaaccac tgctgcaggt ggtagccctg gctagactga attacactag      1260
325 aaatcagcca gaaggaagcg tccttgggat cccagatcac tctttttttt ttttttttta      1320
326 aaaggggcag ccccttgatg gctcatctct ctgaataaca gttacgtctt catatcgata      1380
327 ccagatgcct tcttcatcat gccactgaag ccactacca ccttcaagaa catgccaaac      1440
328 tctgtcagat tcacttacct acaaacaagg aggcacgttt ggcacaaagt gttgtctctc      1500
329 aggtccaagt ggactctaca gagtgttgga cctcaacaca ctggattcca ggtggactgg      1560
330 accaagagca ggcaaagaca cgggaactga aaaactccac agggttttga gaatagaaat      1620
331 gaaaagccac gtcataatac tcaagaataa atggtgtttt ggaaatttta aaattatcat      1680
332 cgaagggtgt gaaactattt caggcccaaa tgaaaggaaa tcgccagttg gggatgaaat      1740
333 cacagagcct gtgttttatg atatggttg atgtccactg atgaaatttt aaaggagttt.      1800
334 cttttttaaa agtcgcatg attctacata tgagaattct ttaggccaaag aaactgtcct      1860
335 tggctcagag gtgttgggaa ttaaagcaga gagaagccat tcgtgatgct tagaaccaag      1920
336 gatggtcatg tacacaaaga ccacgagac ggccattctt gtttacaaaa cacttaccaa      1980
337 gaaagcactt ttagagggaa ctttagtaag ttcttctcat ttcattatgt ttcttccaa      2040

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/933,767

DATE: 09/10/2001

TIME: 09:09:42

Input Set : A:\PZ007P2 SeqList.txt

Output Set: N:\CRF3\09102001\I933767.raw

L:8 M:270 C: Current Application Number differs, Replaced Current Application Number

L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:661 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:1092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:1255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1398 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:1468 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1483 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1566 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:1828 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:1895 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:1994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:2019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:2094 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/933,767

DATE: 09/10/2001

TIME: 09:09:42

Input Set : A:\PZ007P2 SeqList.txt

Output Set: N:\CRF3\09102001\I933767.raw

L:2096 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55

L:2097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55

L:2132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56